

MAY 02 2005

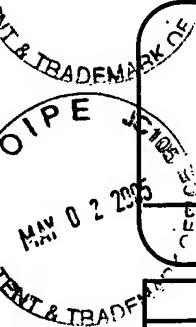
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PTO/SB/21 (09-04) (AW 10/2004)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/828,713
Filing Date	April 21, 2004
First Named Inventor	Tetsuo Terashima et al.
Art Unit	3742
Examiner Name	Thor S. Campbell
Attorney Docket No.	MTS-3517US

ENCLOSURES (Check all that apply)

Fee Transmittal Form
 Fee Attached

Amendment/Reply
 After Final
 Affidavits/Declaration(s)

Extension of Time Request

Express Abandonment Request

Information Disclosure Statement

Certified Copy of Priority Document(s)

Response to Missing Parts/
Incomplete Application
 Response to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a
Provisional Application
 Power of Attorney, Revocation,
Change of Correspondence
Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____
 Landscape Table on CD

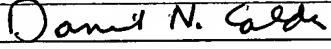
After Allowance Communication
to TC
 Appeal Communication to Board
of Appeals and Interferences
 Appeal Communication to TC
(Appeal Notice, Brief, Reply
Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please
identify below):

Copy of:

Information Disclosure Statement and
PTO Form 1449 as previously filed
and return postcard evidencing receipt

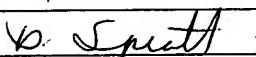
Remarks:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm Name	RatnerPrestia		
Signature			
Printed Name	Daniel N. Calder		
Date	April 28, 2005	Registration No.	27,424

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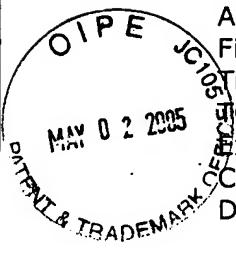
Signature	
Typed or Printed Name	Deborah Spratt
Date	April 28, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appn. No: 10/828,713
 Applicants: Tetsuo Terashima, et al.
 Filed: April 21, 2004
 Title: HEAT ACCUMULATING METHOD AND DEVICE (as amended)
 ITC/A.U.: 3742
 Examiner: Thor S. Campbell
 Confirmation No.: 5454
 Docket No.: MTS-3517US



PETITION UNDER 37 C.F.R. §1.181 FOR
CONSIDERATION OF INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Applicants filed an Information Disclosure Statement (IDS) on April 21, 2004. A copy of the IDS, as filed and a copy of the return postcard evidencing receipt of the IDS by the PTO is enclosed. Page two of the IDS, although properly filed, has not been considered.

The Examiner is respectfully requested to consider the references on page two of the originally filed IDS and to initial and return the Form 1449 to the undersigned.

It is respectfully requested that issuance of the above-identified application be suspended until the IDS has been considered.

Respectfully submitted,

Daniel N. Calder

 Daniel N. Calder, Reg. No. 27,424
 Attorney for Applicants

DNC/ds

Enclosures: Information Disclosure Statement
 and PTO-1449 as previously filed

Dated: April 28, 2005

P.O. Box 980
 Valley Forge, PA 19482-0980
 (610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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April 28, 2005

D. Spurtt _____ *D. Spurtt*

Date: April 21, 2004 ✓

Commissioner for Patents:

Please acknowledge receipt of the document(s) described below by imprinting the Patent and Trademark Office "date-stamp" hereon and returning this card to the addressee indicated on the reverse side.

FILE NO.: MTS- 3517 US FEE: \$ 1118.00

NAME: Tetsuo Terashima, et al.

<input checked="" type="checkbox"/> Utility Transmittal Form (1)	<input checked="" type="checkbox"/> Fee Transmittal Form (2)
<input checked="" type="checkbox"/> Specification (<u>85</u> pp.)	<input checked="" type="checkbox"/> Certificate of Express Mail
<input checked="" type="checkbox"/> <u>20</u> Sheets of Formal Drawings	<input checked="" type="checkbox"/> Preliminary Amendment (<u>9</u> pp.)
<input checked="" type="checkbox"/> IDS and PTO Form 1449 (<u>4</u> pp.)	<input checked="" type="checkbox"/> Copy(ies) of <u>5</u> reference(s)
<input checked="" type="checkbox"/> Claim To Right of Priority(1)	<input checked="" type="checkbox"/> 1 Check(s)
<input checked="" type="checkbox"/> 2 Certified copy of applications	
<input checked="" type="checkbox"/> Declaration/POA (<u>3</u> pp.)	EXECUTED
<input checked="" type="checkbox"/> Assignment & PTO 1595 (<u>3</u> pp.)	EXECUTED
<input type="checkbox"/>	

17513 U.S. PTO
10/828713



042104

New Patent Application

APR 28 2004

Patent & Trademark Office



COPY

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
 Applicant: Tetsuo TERASHIMA, et al.
 Filed: April 21, 2004
 Title: THERMAL STORAGE APPARATUS AND THERMAL STORAGE METHOD
 TC/A.U.: To Be Assigned
 Examiner: To Be Assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) 61-128071
- 2) Thermal Storage Technology - Theory And Application Thereof I
- 3) Thermal Storage Technology - Theory And Application Thereof II
- 4) 05-172481
- 5) 05-118593

Reference 1 is not in the English language. A "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at page 4.

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References 2) and 3) are not in the English language. A "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at pages 1 and 2.

References 4) and 5) include English language abstracts and a "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at page 2.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



Allan Ratner
Attorney for Applicants

AR/dmw

Enclosures: PTO Form 1449
(5) References
Transmittal Form

Dated: April 21, 2004

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

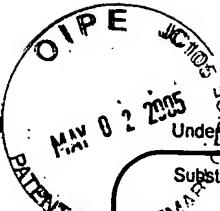
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KATHLEEN L. LOHREY



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PTO/SB/08a (08-03) (AW 10/2003)

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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Attorney Docket No. MTS-3517US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)				
		JP 61-128071 (with English Abstract)	06/16/1986			<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
		JP 05-172481 (with English Abstract)	07/09/1993	TECHNOL RES ASSOC SUPER HEAT PUMP ENERG ACCUM SYST		<input type="checkbox"/>
		JP 05-118593 (with English Abstract)	05/14/1993	HITACHI LTD		<input type="checkbox"/>
						<input type="checkbox"/>
Examiner Signature					Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard St.3)

***For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.**

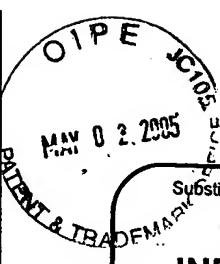
Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible.

Applicant is to place a check mark here if English language translation is attached

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(AW 08/03)

Substitute for Form 1449B/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	
		Filing Date	
		First Named Inventor	
		Art Unit	
		Examiner Name	
SHEET 2 of 2		Attorney Docket No.	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.**

1Applicant's unique citation designation number (optional).

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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